

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	wo with "9914399"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 10:28
S3	1	1999-254403.NFAN.	DERWENT	OR	ON	2007/02/16 10:35
S5	2	"6203854".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 10:37
S6	4	"6607610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 10:59
S7	2337	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3 titan\$3) (fluori\$2 near4 titan\$3)) and (aminosilane amino adj silane) and coating and (aluminum Al with (iron Fe ferrous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:03
SI0	10	S8 and (148/240-287).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:04
S8	1171	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3 titan\$3) (fluori\$2 near4 titan\$3)) and (aminosilane amino adj silane) and coating and (aluminum Al with (iron Fe ferrous)) with (surface substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:22
SI1	505	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3 titan\$3) (fluori\$2 near4 titan\$3)) and (aminosilane amino with silane) and coating and ((aluminum Al) with (iron Fe ferrous)) with (surface substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:31
SI3	4	WO with "9607772"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:53
SI4	165	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluori\$2 near4 titan\$3)) and (aminosilane amino with silane) and coating and ((aluminum Al) with (iron Fe ferrous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:54

SI2	55	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near4 titan\$3)) and (aminosilane amino with silane) and coating and ((aluminum Al) with (iron Fe ferrous)) with (surface substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:56
SI7	8	SI6 and (amino adj silane aminosilane) and coating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:58
SI6	350	masahiko near2 matsuoka kazuhiko near2 makino toshiaki near2 shimakura masanobu near2 futsuhara jiping near2 yang	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:58
SI9	1	2002-454412.NRAN.	DERWENT	OR	ON	2007/02/16 13:05
SI8	1	WO with "200224344"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:05
SI	1	10/743387	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:20
S21	25	SHI MAKURA near2 TOSHI AKI and nippon	US-PGPUB; USPAT	OR	ON	2007/02/16 13:21
S20	120	SHI MAKURA near2 TOSHI AKI and nippon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:21
S23	6	SHI MAKURA near2 TOSHI AKI and nippon and silane and zirconium and iron with substrate	US-PGPUB; USPAT	OR	ON	2007/02/16 13:23
S22	19	SHI MAKURA near2 TOSHI AKI and nippon and silane and zirconium	US-PGPUB; USPAT	OR	ON	2007/02/16 13:23
SI5	184	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near5 (titan\$3 Ti))) and (aminosilane amino with silane) and coating and ((aluminum Al) with (iron Fe ferrous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:27
S26	0	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near5 (titan\$3 Ti))) and (aminosilane amino with silane) and coating and (electrodeposit\$3 electrochemical electrocoating) with spraying with dipping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:29
S24	44	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near5 (titan\$3 Ti))) and (aminosilane amino with silane) and coating and (electrodeposit\$3 electrochemical electrocoating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:29

S25	3	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near\$5 (titan\$3 Ti))) and (aminosilane amino with silane) and coating and (electrodeposit\$3 electrochemical electrocoating) with spraying	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:30
S27	31	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluor\$2 near\$5 (titan\$3 Ti))) and coating and (electrodeposit\$3 electrochemical electrocoating) with spraying	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:32
S29	0	S27 and anionic with (electrodeposit\$3 electrochemical electrocoating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:34
S28	8	S27 and cationic with (electrodeposit\$3 electrochemical electrocoating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:38
S32	2	cationic with (electrodeposit\$3 electrochemical electrocoating) with spraying and conversion adj coating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:44
S31	0	cationic with (electrodeposit\$3 electrochemical electrocoating) with spraying same conversion adj coating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:44
S30	29	cationic with (electrodeposit\$3 electrochemical electrocoating) same conversion adj coating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:44
S33	370	masahiko near\$2 matsuoka kazuhiro near\$2 makino toshiaki near\$2 shimakura masanobu near\$2 futsuhara jiping near\$2 yang	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 17:48
S34	7	S33 and cationic adj electrodeposition	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 17:51
S35	77	conversion adj coating and (zirconium Zr titanium Ti) and fluor\$2 and silane and (iron ferrous Fe) with (zinc Zn) with (aluminum Al)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 17:53
S36	30	cationic near\$2 electrodeposit\$3 same conversion adj coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 22:13

S37	2	"4490438". pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 22:17
S38	2	"6482274". pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:20
S39	2962	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3 titan\$3) (fluori\$2 near4 titan\$3)) and (aminosilane amino adj silane) and coating and (aluminum Al with (iron Fe ferrous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:25
S40	9	S39 and ((148/240-287).ocls. (106/14\$).ocls.) and aminopropyltrimethoxysilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:26
S42	18	S41 and ((148/240-287).ocls. (106/14\$).ocls.) and aminopropyltrimethoxysilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:28
S41	6204	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3 titan\$3) (fluori\$2 near4 titan\$3 Ti zircon\$3 Zr)) and (aminosilane amino with silane) and coating and aluminum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:28
S44	8	S43 and ((148/240-287).ocls. (106/14\$).ocls.) and aminopropyltrimethoxysilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:35
S43	776	((hexafluotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) (fluori\$2 with (titan\$3 Ti zircon\$3 Zr))) and (aminosilane amino with silane) and coating and aluminum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:35
S45	6	S43 and ((148/240-287).ocls. (106/14\$).ocls.) and ions with (aluminum Al zinc Zn copper Cu magnesium Mg) and (accelerator citric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:51
S46	2	"6180177". pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 10:52

S47	8	S43 and ((148/240-287).ccls. (106/14\$). ccls.) and ions with (aluminum Al zinc Zn copper Cu magnesium Mg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:03
S48	2	S47 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:04
S51	3	S50 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:05
S50	9	S43 and ((148/240-287).ccls. (106/14\$). ccls.) and (nitrite hydroxylamine persulfate peroxide citric chlorate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:05
S52	2	"6180177".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:06
S54	47	S53 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:07
S53	53	S43 and ions with (aluminum Al zinc Zn copper Cu magnesium Mg) and (accelerator citric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:07
S55	155	S43 and metal with (zinc Zn copper Cu magnesium Mg) and (accelerator citric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:19
S57	104	S55 not S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:20

S58	0	conversion adj coating with (no without "not") near2 drying same (electrodeposit\$3 electrocoat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:40
S59	9	conversion adj coating with (no without "not") near2 drying	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:41
S60	4866	coat\$3 same (no without "not") near2 drying	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:42
S61	122	S60 and ((148/240-287).ccls. (106/14\$). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:43
S62	85	S60 and ((148/240-287).ccls. (106/14\$). ccls.) and (electrodeposit\$3 electrocoat\$3 top adj coat seal\$3 paint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:48
S63	34	(no without "not") near2 drying with (electrodeposit\$3 electrocoat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:02
S64	10	cationic near2 electrocoat\$3 same conversion adj coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:05
S65	29	optional near2 (rins\$3 wash\$3) and optional near2 dry\$3 and (electrocoat\$4 electrodeposit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:18
S66	2	"20020175082"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 23:12

S67	294	((hexafluorotitan\$3 hexafluorotitan\$3 fluotitan\$3 fluorotitan\$3) ((fluor\$2 fluoro\$4) with (titan\$3 Ti zircon\$3 Zr))) and (aminosilane amino with silane) and aluminum and ((148/240-287).ccls. 106/14\$.ccls. "427".clas. "428".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 23:33
S68	107	S67 and accelerat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 23:34
S69	0	S67 and (aminopropyltrimethyloxysilane aminopropyl adj trimethyloxysilane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/21 00:08
S70	0	(fluorometalle) with (titan\$3 Ti zircon\$3 Zr) and (aminosilane amino with silane) and aluminum and ((148/240-287).ccls. 106/14\$.ccls. "427".clas. "428".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/21 00:09
S71	1	(fluorometallate) with (titan\$3 Ti zircon\$3 Zr) and (aminosilane amino with silane) and aluminum and ((148/240-287).ccls. 106/14\$.ccls. "427".clas. "428".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/21 00:10
S72	131	(without no absen\$3) near3 (drying curing) with (electrodeposit\$3 electro adj deposit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:34
S75	2	jp with "02240295"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:15
S76	399	masahiko near2 matsukawa kazuhiro near2 makino toshiaki near2 shimakura masanobu near2 futsuhara jiping near2 yang	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:17
S77	27	S76 and \$11trimethoxysilane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:18
S78	808	(steel iron ferrous) with metal\$3 and \$11trimethoxysilane and fluori\$3 same (zirconium titanium Zr Ti)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:54
S79	21	S78 and ((148/240-287).ccls. (106/14\$).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:55

S81	13	S79 not S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:56
S82	2	"6514357".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 12:00
S83	4	"20010037748" "20010042491"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 13:40
S84	9	("3682713" "4338140").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 14:50
L1	2	"7250193".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:20
L2	132	((106/14\$).ccls. (148/240,243-247,252,264-287).ccls.) and (amino\$ilane amino near4 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:37
L3	122	((106/14\$).ccls. (148/240,243-247,252,264-287).ccls.) and (amino\$ilane amino\$oxy near4 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:38
L4	135	2 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:39
L5	89	(2 3) and (Zr \$10zircon\$3 zirconium Ti \$10titan\$3 titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:40
L6	23	5 and accelerat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:41



L8	9	6 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:42
L7	25	5 and ions with (Zn zinc magnesium Mg aluminum Al)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 16:42

7/29/09 4:44:13 PM

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